## **EAST Search History**

## **EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	12	("6369954"   "7230771"   "7394598"   "7508566"). PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/14 10:27
L2	0	1 and (dipole)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/14 10:28
L3	1	1 and (polar)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/14 10:28
L4	829217	@pd>="20090501"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/14 10:34

L5	5903	@ad>="20090501"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/14 10:34
L6	829284	4 or 5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/14 10:34
L7	3314	((359/228,250,253,254,358,509,665-667,832) or (349/193,200)).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/14 10:34
L8	97	6 and 7	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/14 10:34
L9	716	zero near4 dipole	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/14 10:35

L10	4	7 and 9	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/14 10:35
L11	4	9 and electrowet\$4	US-PGPUB; USPAT; USOCR; FPPS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/14 10:36
L13	0	("200100176148").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/14 10:39
L14	0	("20010176148").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/14 10:39
L15	2	("2001176148").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/14 10:39

L16	0	("20011761480").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/14 10:39
L17	0	("20010176148").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/14 10:39
L18	0	("200100176148").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/14 10:39
L19	0	("2001000176148").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/14 10:39
L20	114	noto adj goro	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/14 10:40

L21	56	20 and lens	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/14 10:40
L22	99	dipole and electrowet\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/14
S1	2	("20070058094").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/16 21:00
S2	293	martinez-joseph\$9.xa. or martinez-joseph\$9.xp.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/16 21:08
S3	23045	lens near4 (liquid or fluid)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/16 21:08

S4	14	S2 and S3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/16 21:08
S5	638	KUI PER-STEI N\$9.in. or HENDRI KS-BERNARDUS \$2HENDRI KUS\$2wilhelmus9.in. or RENDERS- CHRI STINA\$9.in. or HAYES-ROBERT\$9.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/16 21:18
\$6	68	S3 and S5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/16 21:18
<b>S</b> 7	9	S3 same dipole	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/16 21:19
S8	0	(11/508297).APP.	USPAT; USOCR	OR	ON	2008/09/16 21:35
S9	1	S5 and (dipole).dm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/16 21:37

S10	1	\$5 and (di-pole or di\$2pole or dipole or dipol\$4). clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/16 21:38
S11	29	S5 and (di-pole or di\$2pole or dipole or dipol\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/16 21:38
S12	717140	(carbon near4 (di\$2sulfide di\$2selenide tetra \$2chloride tetra\$2bromide)) or tetra\$2chloro \$2ethylene or benzene or naphthalene or p\$2xylene or xylene or mesitylene or dichlorobenzene or dibromobenzene or tetramethyltin	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/17 00:32
S13	1073	\$3 and \$12	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/17 00:33
S14	64	S3 same S12	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/17 00:33

S15	1393	S3 same electrode	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/17 00:35
S16	40	S12 and S15	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/17 00:35
S17	1	(11/331194).APP.	USPAT; USOCR	OR	ON	2008/09/17 00:49
S18	3	("20020176148"   "20060215273"   "6369954").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/17 00:50
S19	1	(10/555260).APP.	USPAT; USOCR	OR	ON	2008/09/17 01:08
S20	6	("20020037130"   "20030012483"   "6360775"   "6825068"   "7027683"   "7033985").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/17 01:08
S21	0	(11/201323).APP.	USPAT; USOCR	OR	ON	2008/09/17 01:12
\$22	315	S13 and electrode	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/17 01:25
\$23	275	\$22 not \$16	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/17 01:25

S24	994	electrowet\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/17 01:25
S25	78	S12 and S24	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/17 01:26
S26	212	S4 S6 S7 S9 S10 S11 S14 S16 S17 S18 S19	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/17 01:27
S27	273	\$23 not \$26	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/17 01:27
S28	62	\$25 not \$26	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/17 01:27

S29	61	S28 not S27	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/17 01:27
S30	546	S26 S27 S29	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/17 01:28
<b>S</b> 31	4	(("6369954") or ("6449081")).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/17 01:29
S32	8	(02/099527).APP.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/17 01:35
S33	57	prins-menno\$9.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/17 01:36

S34	3	("4079368").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/17 01:37
<b>S</b> 35	2	("2006/0050402").URPN.	USPAT	OR	ON	2008/09/17 01:57
<b>S</b> 36	3089	((359/228,250,253,254,358,509,665-667) or (349/193,200)).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/10 19:46
S37	121	(359/832).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/03/10 19:54
<b>S38</b>	2	("20070058094").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/18 23:08
<b>S</b> 39	345	martinez-joseph\$9.xa. or martinez-joseph\$9.xp.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/18 23:08

S40	24868	lens near4 (liquid or fluid)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/18 23:08
S41	19	S39 and S40	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/18 23:08
S42	681	KUI PER-STEI N\$9.in. or HENDRI KS-BERNARDUS \$2HENDRI KUS\$2wilhelmus9.in. or RENDERS- CHRI STI NA\$9.in. or HAYES-ROBERT\$9.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/18 23:08
S43	95	S40 and S42	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/18 23:08
S44	11	S40 same dipole	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/18 23:08
S45	0	(11/508297).APP.	USPAT; USOCR	OR	ON	2009/05/18 23:08

S46	1	S42 and (dipole).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/18 23:08
S47	1	\$42 and (di-pole or di\$2pole or dipole or dipol\$4).	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/18 23:08
S48	30	\$42 and (di-pole or di\$2pole or dipole or dipol\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/18 23:08
S49	746513	(carbon near4 (di\$2sulfide di\$2selenide tetra \$2chloride tetra\$2bromide)) or tetra\$2chloro \$2ethylene or benzene or naphthalene or p\$2xylene or xylene or mesitylene or dichlorobenzene or dibromobenzene or tetramethyltin	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/18 23:08
S50	1185	\$40 and \$49	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/18 23:08

S51	68	S40 same S49	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/18 23:08
S52	1596	S40 same electrode	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/18 23:08
S53	47	S49 and S52	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/18 23:08
S54	1	(11/331194).APP.	USPAT; USOCR	OR	ON	2009/05/18 23:08
S55	3	("20020176148"   "20060215273"   "6369954").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/18 23:08
S56	1	(10/555260).APP.	USPAT; USOCR	OR	ON	2009/05/18 23:08
<b>S</b> 57	6	("20020037130"   "20030012483"   "6360775"   "6825068"   "7027683"   "7033985").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/18 23:08
S58	1	(11/201323).APP.	USPAT; USOCR	OR	ON	2009/05/18 23:08
<b>S</b> 59	341	S50 and electrode	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/18 23:08

S60	294	S59 not S53	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/18 23:08
S61	1283	electrowet\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/18 23:08
S62	95	S49 and S61	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/18 23:08
S63	254	S41 S43 S44 S46 S47 S48 S51 S53 S54 S55 S56	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/18 23:08
S64	292	S60 not S63	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/18 23:08

S65	77	S62 not S63	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/18 23:08
S66	76	S65 not S64	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/18 23:08
\$67	622	S63 S64 S66	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/18 23:08
\$68	4	(("6369954") or ("6449081")).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/18 23:08
S69	8	(02/099527).APP.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/18 23:08

S70	57	prins-menno\$9.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/18 23:08
S71	3	("4079368").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/18 23:08
S72	2	("2006/0050402").URPN.	USPAT	OR	ON	2009/05/18 23:08
S73	3130	((359/228,250,253,254,358,509,665-667) or (349/193,200)).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/18 23:08
S74	122	(359/832).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/18 23:08
S75	10884	(electrowet\$4 and first ad second and fluid and meniscus and symmetric\$4 and density and molecular and weight and interface).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/18 23:19

S76	0	(electrowet\$4 and first and second and fluid and meniscus and symmetric\$4 and density and molecular and weight and interface).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/18 23:20
S77	3130	((359/228,250,253,254,358,509,665-667) or (349/193,200)).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/05/18 23:21
S78	426576	@pd>="20090301"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/18 23:21
S79	428	@ad>="20090301"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/18 23:22
S80	426640	\$78 or \$79	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/18 23:22

S81	48	S77 and S80	US-PGPUB; OR	ON	2009/05/18
			USPAT;		23:22
			USOCR; FPRS;		
			EPO; JPO;		
			DERWENT;		
			IBM_TDB		

## **EAST Search History (Interference)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L12	0	(zero and dipole and electrowet\$4).clm.	USPAT; UPAD	OR	ON	2009/09/14 10:37

9/14/09 10:46:27 AM

 $\textbf{C:} \ \, \textbf{Documents} \ \, \textbf{AST} \ \, \textbf{Workspaces} \ \, \textbf{10555263.wsp}$